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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 7

Complete if Known

Application Number	09/827,383
Filing Date	04/04/01
First Named Inventor	Mittmann, et. al.
Group Art Unit	1631
Examiner Name	TBD
Attorney Docket Number	3108.1

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
N	1	LIPSHUTZ RJ: Letter from Dr. Lipshutz to Dr. Carrano, August 22, 1994. Link	
	2	AFFYMETRIX: GeneChip® Assays and Controls Price List, November, 1997. Link	
	3	AFFYMETRIX: GeneChip® Arrays and Assays Product List, January, 1998. Link	
	4	AFFYMETRIX: GeneChip® Arrays and Assays Product List, November, 1998. Link	
	5	AFFYMETRIX: GeneChip® Arrays and Reagents, February, 1999. Link	
	6	AFFYMETRIX: GeneChip® Price Catalog (U.S. and Canada), July, 1999. Link	
	7	AFFYMETRIX: Addendum (U.S. and Canada) GeneChip® Arrays and Reagents, August, 1999. Link	
	8	AFFYMETRIX: GeneChip® Price Catalog (U.S. and Canada), January, 2000. Link	
	9	AFFYMETRIX: Affymetrix® Catalog Addendum GeneChip® Arrays and Reagents (U.S. and Canada), February, 2000. Link	
	10	AFFYMETRIX: Affymetrix® Product Catalog (Global), August, 2000. Link	
2	11	AFFYMETRIX: Affymetrix® Product Catalog (Global), January, 2001. Link	

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N	12	AFFYMETRIX: Affymetrix® Product Catalog (Global), January, 2002. Link	
	13	AFFYMETRIX: Affymetrix® Product Catalog (Global), July, 2002. Link	
	14	AFFYMETRIX: Product Information GeneChip® HuSNP Mapping Assay, 1999. Link	
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	22	AFFYMETRIX: Product Information GeneChip® CYP450 Probe Array and Reagents, 1998. Link	

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N	23	AFFYMETRIX: Product Information GeneChip® Hu6800 Array, 1998. Link	
	24	AFFYMETRIX: Product Information Human Genome U95 Set, 2000. Link	
	25	AFFYMETRIX: Product Information GeneChip® Human Genome U133 Set, 2001. Link	
	26	AFFYMETRIX: Product Information GeneChip® Human Genome Focus Array, 2002. Link	
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	28	AFFYMETRIX: Product Information Rat Neurobiology U34 Array, 2000. Link	
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**INFORMATION DISCLOSURE
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Sheet 4 of 7

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✓	34	AFFYMETRIX: Product Information GeneChip® Mu6500 Set, 1998. Link	
	35	AFFYMETRIX: Product Information GeneChip® Murine Genome U74 Set, 2001. Link	
	36	AFFYMETRIX: Product Information GeneChip® Murine 11K Set, 1998. Link	
	37	AFFYMETRIX: Product Information GeneChip® Murine 11K Set, 2001. Link	
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✓	43	AFFYMETRIX: Product Information GeneChip® P. aeruginosa Genome Array, 2001. Link	
2	44	AFFYMETRIX: Product Information P. aeruginosa Genome Array, 2001. Link	

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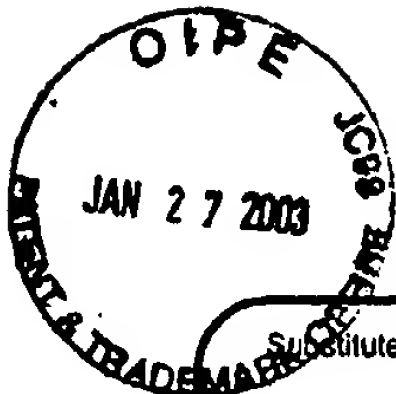
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Sheet 5 of 7

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Attorney Docket Number	3108.1

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✓	45	AFFYMETRIX: Product Information Drosophila Genome Array, 2000. Link	
	46	AFFYMETRIX: Product Information GeneChip® B. subtilis Genome Array, 2002. Link	
	47	AFFYMETRIX: Product Information GeneChip® C. elegans Genome Array, 2002. Link	
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SignatureDate
Considered

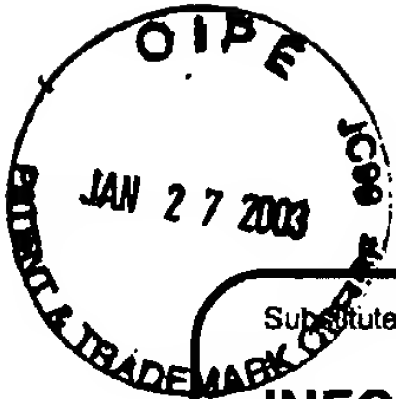
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		Filing Date	04/04/01
		First Named Inventor	Mittmann, et. al.
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Sheet 6 of 7	Attorney Docket Number	3108.1	

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✓	56	SHOEMAKER DD, ET AL, "Quantitative phenotypic analysis of yeast deletion mutants using a highly parallel molecular bar-coding strategy", Nature Genetics, 1996, 14, 4, 450-6. Link	TECH CENTER 1600/2900
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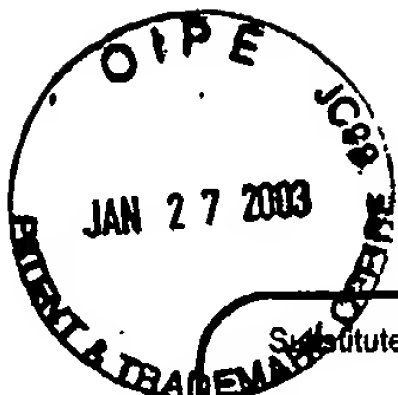
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✓	67	MACDONALD TJ, ET AL, "Expression profiling of medulloblastoma: PDGFRA and the RAS/MAPK pathway as therapeutic targets for metastatic disease", Nature Genetics, 2001, 29, 2, 143-52. Link	
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✓	72	CHO RJ, ET AL, "Parallel analysis of genetic selections using whole genome oligonucleotide arrays", Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 7, 3752-7. Link	
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U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
✓	76	US-5,143,854	09-01-1992	Pirung et al. Link	✓
✓	77	US- 5,800,992	08-25-1998	Fodor et al. Link	✓

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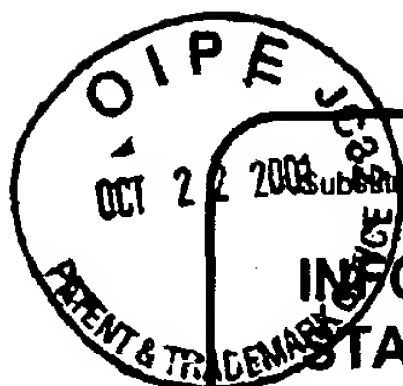
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Attorney Docket Number	04537.005 / 3108.1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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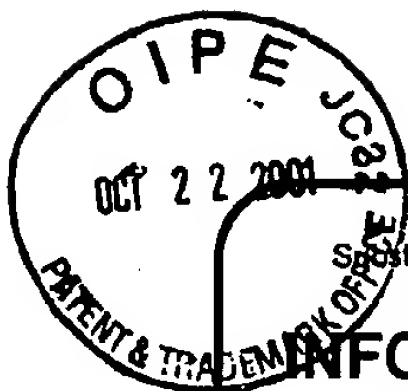
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	2	of	2	Complete if Known	
				Application Number	09/827,383
				Filing Date	April 4, 2001
				First Named Inventor	Michael P. Mittmann
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	04537.005 / 3108.1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
✓		09/122,216		Montagu	N/A	
		PCT WO US99/00730		Montagu	N/A	
		PROV 60/176,520		Balaban et al.	N/A	
		08/626,285		Davis et al.	N/A	
		5,149,625		Church, et al.	09/22/1992	
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		5,800,992		Fodor, et al.	09/01/1998	
		PROV 60/140,359		Fan et al.	N/A	

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TC 1700**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
✓	1.	DOLLINGER, The Polymerase Chain Reaction, 1994, 265-274, Mullis et al., editors (Birkhauser, Boston).	
	2.	ALPER, Science, 1994, 1399-1401, Volume 264.	
	3.	NEEDEL ET AL., PNAS, 1993, 10700-10704, Volume 90.	
	4.	J. SAMBROOK ET AL., EDS., Molecular Cloning. A Laboratory Manual, Second Ed., 1989, Cold Spring Harbor Laboratory Press.	
	5.	BERGER AND KIMMEL, Guide to Molecular Cloning Techniques, Methods in Enzymology, 1987, Academic Press, Inc., San Diego, CA, Volume 152.	
	6.	YOUNG AND DAVIS, Proc. Natl. Acad. Sci., p. 1194, 1983, U.S.A., Volume 80.	
	7.	BRENNER and LERNER, PNAS, 5281-5383, 1992, Volume 89.	
	8.	ALPER, Science, 1399-1401, 1994, Volume 264.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 4

Complete if Known

Application Number	09/827,383
Filing Date	4/5/2001
First Named Inventor	Lockhart
Art Unit	
Examiner Name	
Attorney Docket Number	3108.1

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
✓	AA	4,359,353	11/16/1982	Kydd	
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	AC	5,451,505	09/19/1995	Dollinger	
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	AT	5,550,215	08/27/1996	Holmes	
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	BE	5,770,456	06/23/1998	Holmes	

Examiner Signature

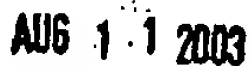
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of

4

Complete if Known

Application Number

09/827,383

Filing Date

4/5/2001

First Named Inventor

Lockhart

Art Unit

Examiner Name

Attorney Docket Number

3108.1

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Sheet	3	of	4
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Complete if Known

Application Number	09/827,383
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Filing Date	4/5/2001
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First Named Inventor	Lockhart
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Art Unit

Examiner Name

Attorney Docket Number	3108.1
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FOREIGN PATENT DOCUMENTS

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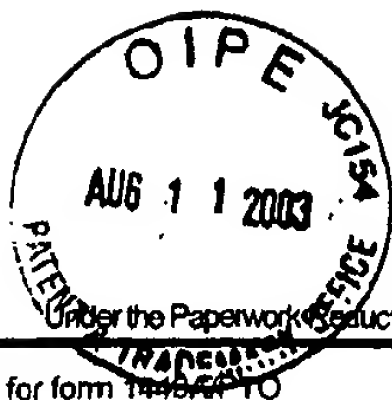
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete If Known	
		Application Number	09/827,383
		Filing Date	4/5/2001
		First Named Inventor	Lockhart
		Group Art Unit	
		Examiner Name	
Sheet 4 of 4	Attorney Docket Number	3108.1	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
✓	AA	DOLLINGER, The Polymerase Chain Reaction, 1994, 265-274, Mullis et al., editors (Birkhauser, Boston).	
✓	AB	ALPER, Science, 1994, 1399-1401, Volume 264.	
✓	AC	NEEDELS ET AL., PNAS, 1993, 10700-10704, Volume 90.	
✓	AD	YOUNG AND DAVIS, Proc. Natl. Acad. Sci., P. 1194, 1983, U.S.A., Volume 80.	
✓	AE	BRENNER and LERNER, PNAS, 5281-5383, 1992, Volume 89.	

Examiner Signature		Date Considered	11/25/03
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